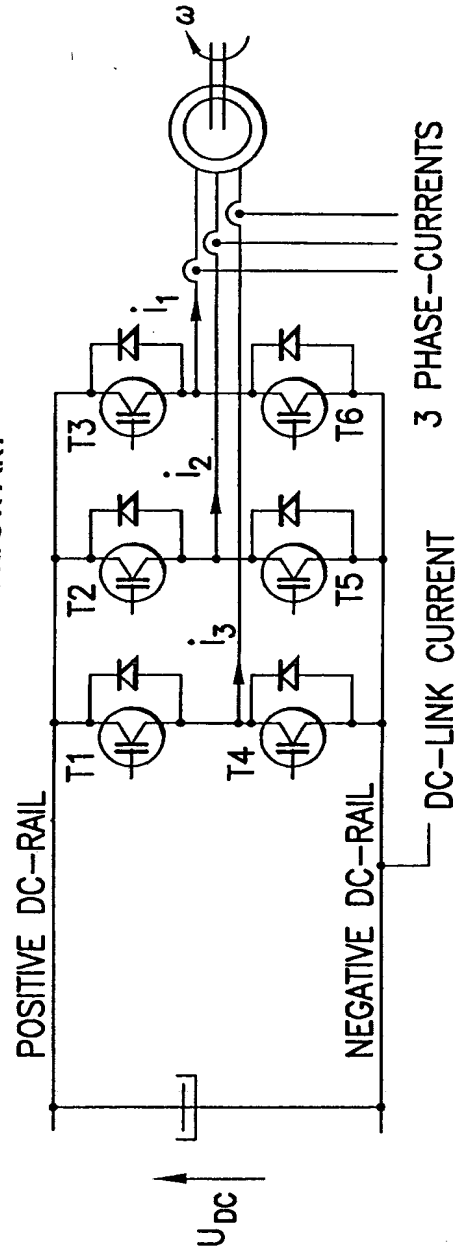


FIG.1 PRIOR ART

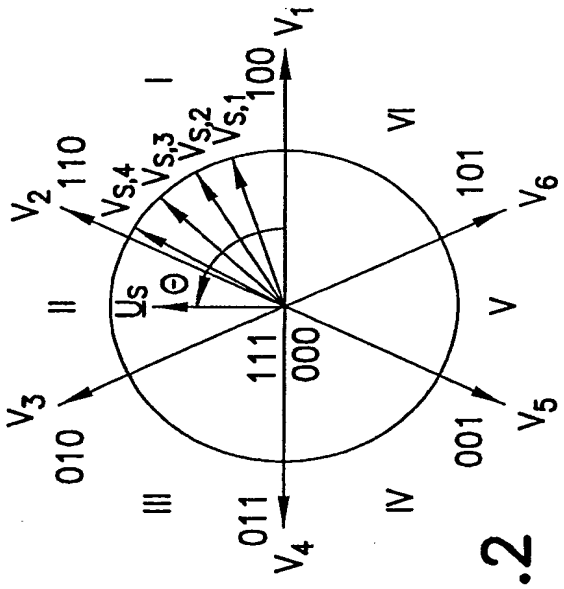


FIG.2 PRIOR ART

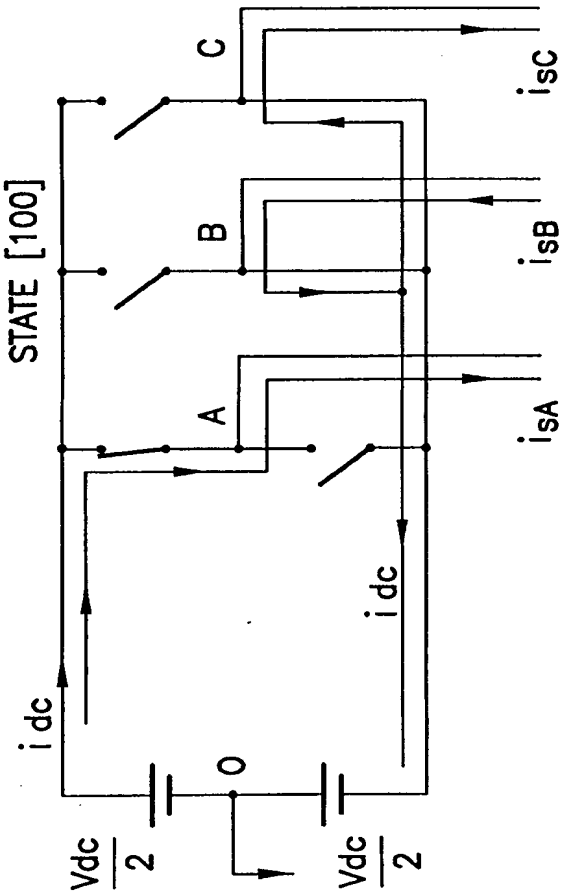


FIG.3
PRIOR ART

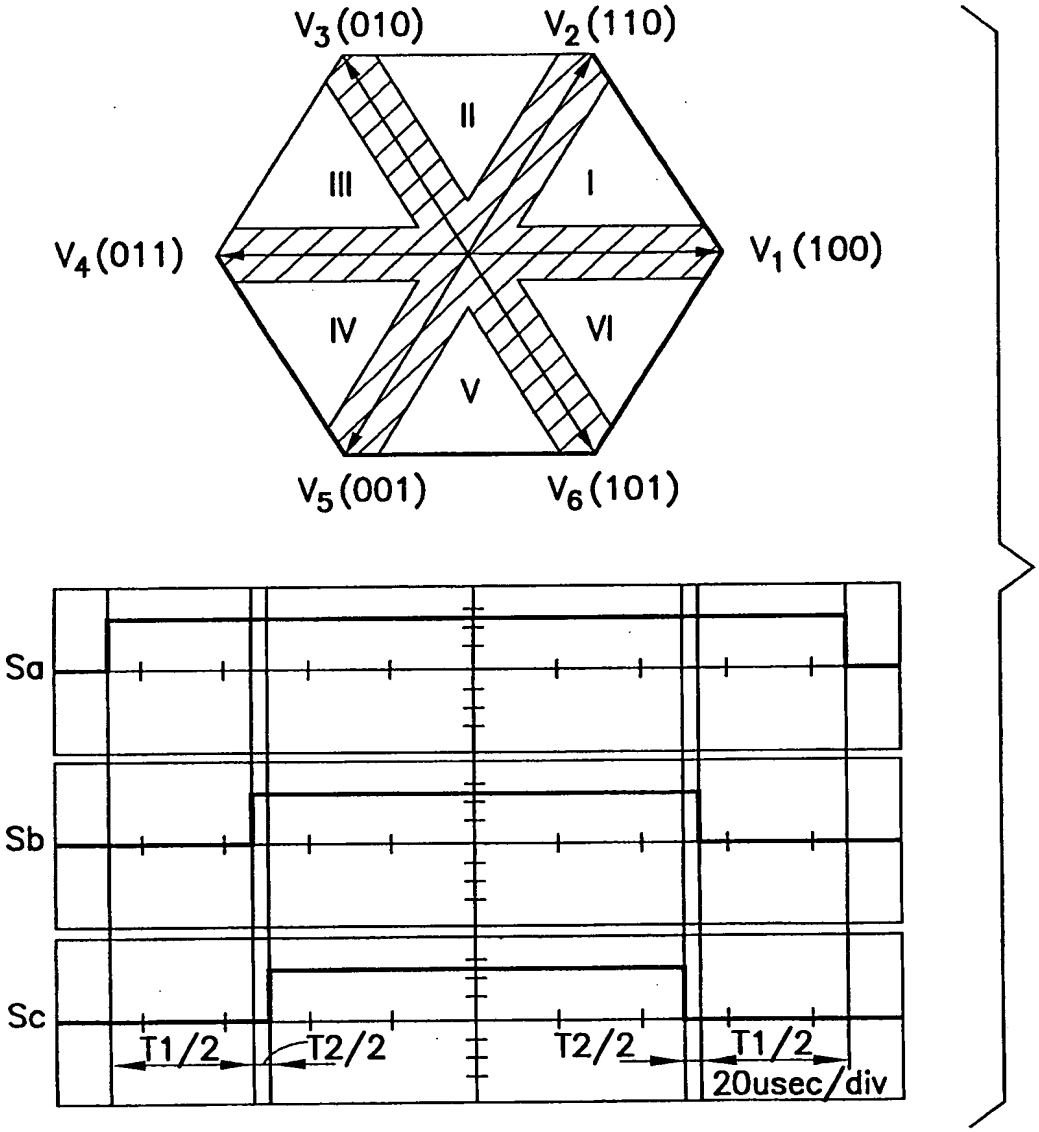


FIG.4

PRIOR ART

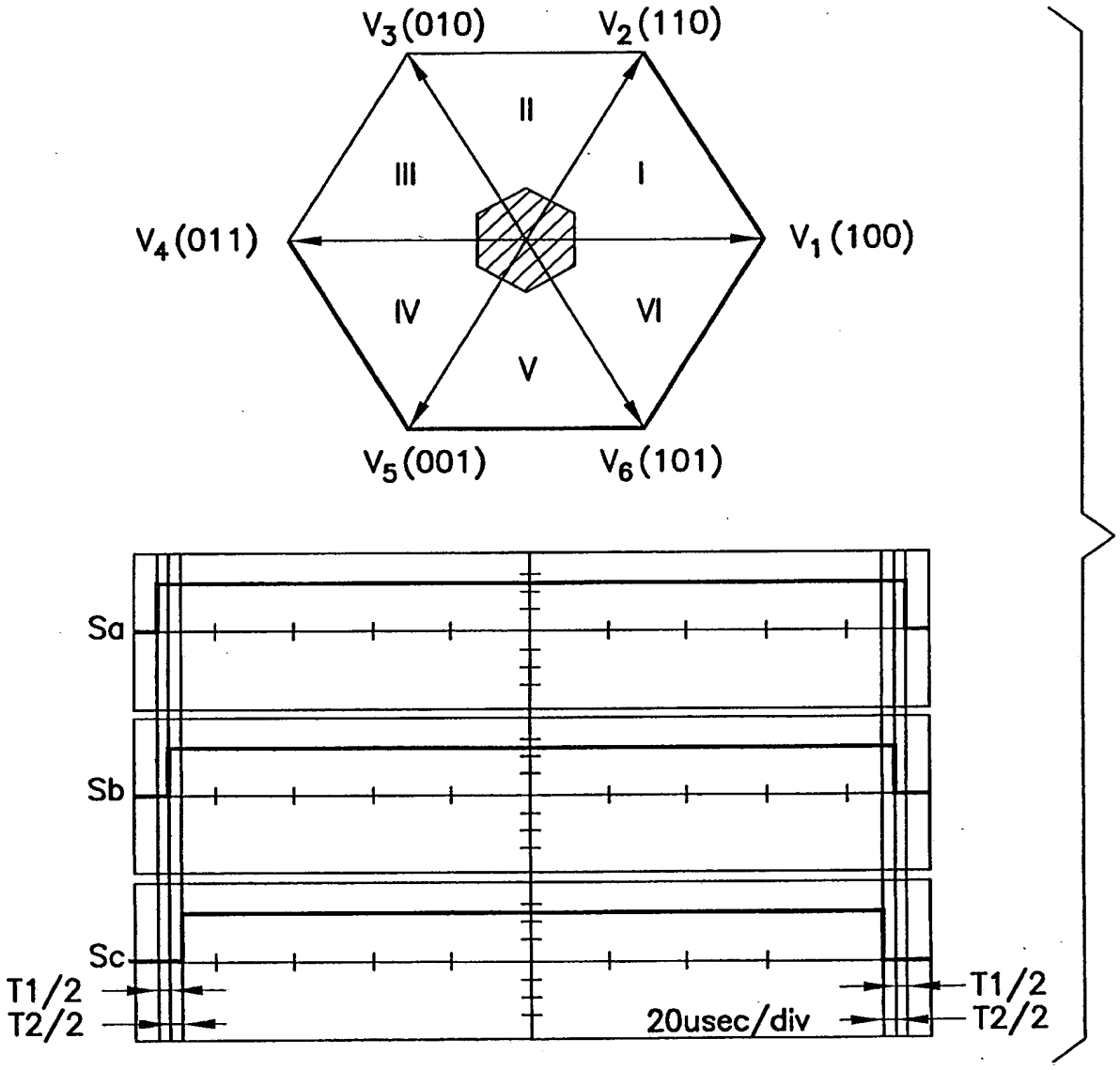
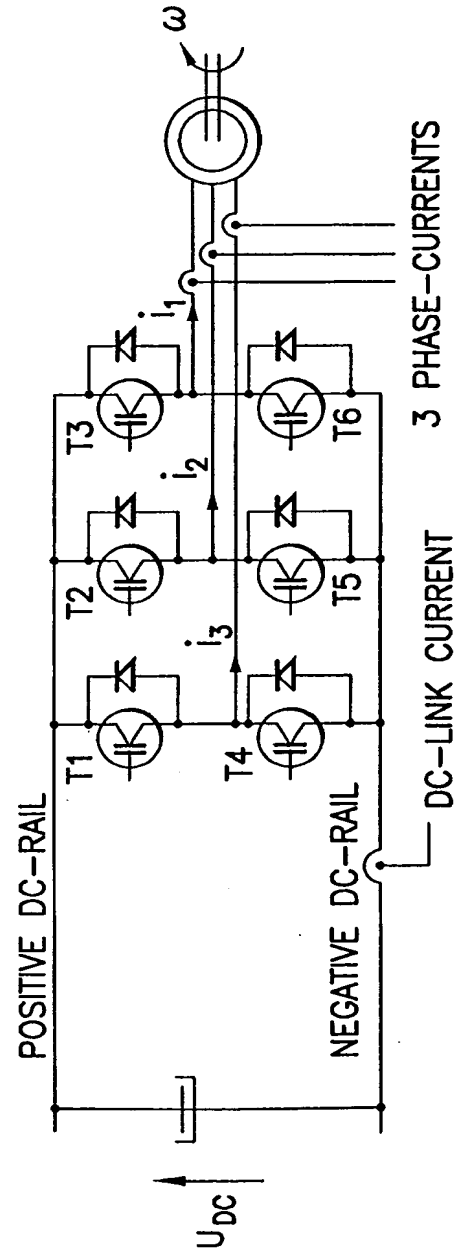


FIG.5

PRIOR ART

FIG.6
PRIOR ART



RELATIONSHIP BETWEEN VOLTAGE VECTOR, DC-LINK CURRENT AND ACTUAL PHASE-CURRENT

VOLTAGE VECTOR	DC-LINK CURRENT i_{DC}
$\underline{U}_S$=(100)	+ i_1
$\underline{U}_S$=(110)	− i_3
$\underline{U}_S$=(010)	+ i_2
$\underline{U}_S$=(011)	− i_1
$\underline{U}_S$=(001)	+ i_3
$\underline{U}_S$=(101)	− i_2
$\underline{U}_S$=(000)=(111)	0